



Magic™ Anti-GPBB monoclonal antibody, clone N29723HQ3 (DCABY-4448)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Glycogen phosphorylase isoenzyme BB, (GPBB), is an isoenzyme of glycogen phosphorylase which exists in cardiac (heart) and brain tissue. Glycogen phosphorylase catalyzes the rate-limiting step in the degradation of glycogen in animals by releasing glucose-1-phosphate from the terminal alpha-1,4-glycosidic bond. An increase in blood levels of GPBB can be seen in myocardial infarction and unstable angina.
Immunogen	GPBB antibody was raised in mouse using human GPBB as the immunogen.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	N29723HQ3
Purification	GPBB antibody was purified by Protein A chromatography.
Conjugate	Unconjugated
Applications	ELISA Pr*, Immunoassays, WB Suggested pair for sandwich ELISA (Capture - Detection): DCABY-4448 - DCABY-4449
Format	Liquid
Size	1 mg
Buffer	Supplied in PBS, pH 7.4, 0.1 % sodium azide
Preservative	0.1% Sodium Azide

Storage

Store at 4 °C

GENE INFORMATION

Gene Name	PYGB phosphorylase, glycogen: brain [Homo sapiens]
Official Symbol	PYGB
Synonyms	PYGB; phosphorylase, glycogen; brain; GPBB; glycogen phosphorylase, brain form; glycogen phosphorylase B;
Entrez Gene ID	5834
Protein Refseq	NP_002853
UniProt ID	P11216
Chromosome Location	20p11.21
Pathway	Disease; Glucose metabolism; Glycogen Metabolism; Glycogen breakdown; Glycogen storage diseases; Insulin signaling pathway; Metabolism; Metabolism of carbohydrates;
Function	glycogen phosphorylase activity; pyridoxal phosphate binding;